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Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: November 23, 2004

(Use as many sheets as necessary)

## Complete if Known

Application Number	10/633,595
Filing Date	08/05/2003
First Named Inventor	Takahiro OIKAWA
Group Art Unit	2878
Examiner Name	Patrick J. Lee
Attorney Docket Number	044499-0171

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
PL	B1	5,109,161		HORIUCHI et al.	04-28-1992	
PL	B2	4,916,536		KERR et al.	04-10-1990	


## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
PL	B3	DE	37 29 334	A1	SICK OPTIK ELEKTRONIK ERWIN	03-16-1989		A
PL	B4	EP	0 255 305	A2	SHARP KABUSHIKI KAISHA	07-24-1087		
PL	B5	WO	92/07233		W. SCHULTZ	04-30-1992		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

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2/16/2005

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: December 10, 2003 (use as many sheets as necessary)				Complet if Known	
				Application Number	10/633,595
				Filing Date	08/05/2003
				First Named Inventor	Takahiro OIKAWA DEC 10 2003
				Group Art Unit	2878
				Examiner Name	Unassigned
				Attorney Docket Number	044499-0171
Sheet	1	of	1		

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FOREIGN PATENT DOCUMENTS								
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
PL	A1	JP	2001-264453	A	KEYENCE CO. LTD.	09-26-2001		Abs.

NON PATENT LITERATURE DOCUMENTS					
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Examiner Signature		Date Considered	2/16/2005
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